

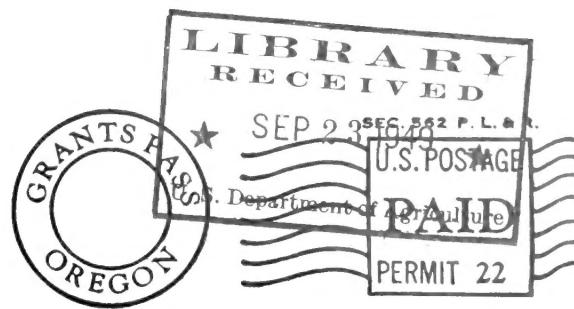
## **Historic, Archive Document**

Do not assume content reflects current scientific knowledge, policies, or practices.



62.71

RETURN POSTAGE GUARANTEED —



OFFERING  
STOCK SEASONABLE  
NOW

# HARROLD'S REVIEW

May 15, 1949

WHOLESALE  
PRICES FOR THE  
PROFESSIONAL

HARROLD'S PANSY GARDENS &amp; GREENHOUSES.

Vol. 8, No. 1.

P. O. BOX 29 — GRANTS PASS, OREGON.

HARROLD'S PEDIGREED STRAIN, AMERICAN BRED

## *Tuberous Begonia Plants*

GROWN FROM TUBERS - ALSO - SEEDLING TRANSPLANTS

### SPRING AND SUMMER PROFITS

Tuberous Begonia plants are one of those newer items which afford the florist and gardener an attractive potential in sales both as bedding plants and for pots. They have a substantial demand season from now up through July depending on the type of material used. This year we offer both the plants grown from commercial tubers as well as seedling transplants.

The plants grown from tubers are of course more robust in their growth habits and produce bloom both earlier and over a longer season. Many of the plants may be showing buds by the time they are shipped and are of a size suitable to potting in 4 to 8 inch pots. These make ideal stock for summer sale for they may be set by your customers into outdoor beds, porch boxes and hanging baskets where with proper culture they will give a continuous display of bloom for many weeks.

The seedling plants are cheaper, may be cultured satisfactorily for bloom from late July on and they give a pleasing display during late summer and early fall. Most plants offered in trade channels in the past have been these seedling transplants. We are one of the few wholesalers who grow and supply the professional trade with the plants grown from commercial tubers.

Our packing of this stock is light and secure in specially ventilated cartons and packed by a method that has proven quite successful in making deliveries up to a distance of 3,000 miles. The tuber grown plants are priced postpaid to your door. THESE PRICES ARE YOUR NET COST.

### *Price of Plants Grown from Tubers*

THESE PRICES ARE POSTPAID

THIS GROUP WILL BE AVAILABLE THROUGH JULY

#### CAMELLIA FLOWERED ASSORTMENT

Consists of tuber grown plants of this popular, large flowered type. COLORS available are apricot, orange, pink, red, rose, salmon, scarlet, yellow and white.

RANDOM COLOR ASSORTMENT: Our choice, \$3.50 per dozen.

SPECIFIED COLORS: Your choice, \$4.00 per dozen.  
Our retail price \$5.00 per dozen.

#### CARNATION FLOWERED ASSORTMENT

These tuber grown plants are of the popular Carnation Flowered type. COLORS available are pink, orange, red, rose, salmon and white.

RANDOM COLOR ASSORTMENT: Our choice, \$4.00 per dozen.

SPECIFIED COLORS: Your choice, \$4.50 per dozen.  
Our retail price \$6.00 per dozen.

#### CRISPA SINGLE FRILLED ASSORTMENT

These tuber grown plants are of the popular Crispa type, the large single flowers with the heavily ruffled edges. COLORS available are apricot, orange, pink, red, rose, salmon, yellow and white.

RANDOM COLOR ASSORTMENT: Our choice, \$4.00 per dozen.

SPECIFIED COLORS: Your choice, \$4.50 per dozen.  
Our retail price \$6.00 per dozen.

#### PENDULA OR HANGING BASKET ASSORTMENT

These are the All-Double type that are so popular for hanging baskets, porch boxes as well as for rockeries. COLORS available apricot, orange, pink, red, rose, salmon, scarlet and yellow.

RANDOM COLOR ASSORTMENT: Our choice, \$3.50 per dozen.

SPECIFIED COLORS: Your choice, \$4.00 per dozen.  
Our retail price \$6.00 per dozen.

#### POPULAR ASSORTMENT

These consist of a general assortment of the above four varieties in no specified type or color. They will be well balanced in both respects for average demand however.

RANDOM COLOR ASSORTMENT: Our choice only, \$3.50 per dozen.

#### NOVELTY TYPE ASSORTMENT

This is an assortment of popular novelty types such as Rosebud, Marmorata, Marginata, Picotee and Cristata. They are grown from commercial tubers and are available in mixed colors of each type only.

RANDOM TYPE ASSORTMENT: Our choice, \$4.00 per dozen.

SPECIFIED TYPES: Your choice, \$5.00 per dozen.  
Our retail price \$7.50 per dozen.

#### NAMED VARIETY ASSORTMENT

This group consists of named varieties and some types not included in the above group. Varieties include American Wonder, Atomic Gold, Gorgeous, Hollyhock, Red Triumph, Rose Dawn, Stars and Stripes and Sunset.

RANDOM ASSORTMENT: Our choice of varieties, \$5.50 per dozen.

SPECIFIED VARIETIES: Your selection, \$6.50 per dozen.  
Our retail price \$10.00 per dozen.

#### SANTA GROUP ASSORTMENT

These are the 1949 BROWN novelty introductions, the originator's stock. We can supply Santa Ana, orange; Santa Barbara, yellow; Santa Clara, apricot; Santa Cruz, dark red; Santa Margarita, light pink; Santa Paula, light salmon; and Santa Rosa, deep rose. These are ultra select types and all colors are double form.

RANDOM ASSORTMENT: Our choice, \$11.00 per dozen.

SPECIFIED VARIETIES: Your choice, \$12.50 per dozen.  
Our retail price \$17.50 per dozen.

#### BREEDERS AND FANCIERS MIXTURE

This lot consists of a mixture of every type of hybrid tuberous Begonias now so popular. It is a happy hunting ground for the selection of odd types and colors as a substantial number will be from seeds of new crosses which should prove of interest to the fancier.

RANDOM ASSORTMENT NOT MARKED: \$5.00 per dozen.

Our retail price \$8.00 per dozen.

BEGONIA PLANTS CONTINUED ON NEXT PAGE

## TUBEROUS BEGONIA PLANTS Continued

## QUANTITY PRICES AND ASSORTMENT RULES

No less than 12 plants from a single group item listed above will be sold at these wholesale prices. There is sufficient selection among the groups so that any selection requirement can be filled when ordering in multiples of 12 plants from a group and they will be sold in such multiples only. The different groups may be ordered in lots of several dozen, intermixed, so as to obtain the quantity price.

**QUANTITY DISCOUNTS:** On orders of five assortments of 12 plants each a discount of 5% may be taken; 10 assortments or more 8%.

**SHIPPING AND TERMS:** Shipments will all be postpaid by Parcel Post. If wanted by Express, transportation will be at the purchaser's expense. Delivery will have been completed in so far as the seller is concerned when deposited, properly packed at the Postoffice at Grants Pass, Oregon. If insurance is desired this will be placed with the postal service at a cost to the purchaser of 10¢ per 12 plant assortment. Insurance will be taken only on instruction and then only to the extent of indemnity afforded by such service.

TERMS of sale are cash with order. No C. O. D. shipments will be made.

## SEEDLING TRANSPLANTS OF *Tuberous Begonias*

These have become increasingly popular with the florist and home gardener and their usefulness is being more widely demonstrated every year. They arrive at a nice trans-setting stage of development and may be set outdoors in a proper situation or potted up as desired. We believe there is a lot of potential in these as a pot plant for late summer and fall, probably including the Thanksgiving holiday.

Given a reasonable cultural treatment they can be brought into flower during August and later — even earlier in some cases and there are few flowering plants that will give the beautiful display possible with these in the semi-shade they like so well. We supply a complete cultural booklet with all shipments.

## THREE TYPES OF THESE ARE AVAILABLE.

**TYPE ONE:** This stock is shipped in the flats in which it has been transplanted and grown. There are 60 plants in each flat which have been re-transplanted and orders may not be made for less than 5 flats at a shipment. Transportation will be at the purchaser's expense and shipment is made F. O. B. Capitola, California. Assortments may be made up of full flats each from any of the type or color groups listed below.

THE PRICE OF THESE ARE 300 for \$30.00; 500 for \$47.50;  
1,000 for \$90.00.

**TYPE TWO:** These are identical in all ways to the offer just above except that they may be had only 150 plants per flat and the plants are but once transplanted. Order not less than 3 flats as a minimum order. Plants of this type will be somewhat smaller also. Transportation will be at the purchaser's expense and shipment is made F. O. B. Capitola, California. Assortments may be made up of full flats each from any of the type or color groups listed below.

THE PRICE OF THESE ARE 450 (3 flats) \$25.00; 1,000 for \$55.00.

**TYPE THREE:** This type is shipped postpaid and packed bare root in moss in specially ventilated cartons and the same type packing we use on the tuber grown plants. We have had very few reports of delivery damage with this packing and deliveries have been made at a distance up to 3,000 miles. We recommend this for both long and short distance forwarding where you have growing facilities to take care of them on arrival.

Shipment of this type is made from Grants Pass only and there is the advantage that any quantity or assortment may be ordered.

THE PRICE OF THESE ARE 50 for \$7.50; 100 for \$14.00; 500 for \$60.00;  
1,000 for \$110.00; 5,000 for \$500.00. NOT LESS THAN 50 of a color  
and/or type will be supplied as these are packed in 50 plant units.

ORDER AT ONCE WHILE SELECTIONS ARE COMPLETE. THE SHIPPING SEASON ENDS BY JULY FIRST SO ORDER EARLY ENOUGH THAT WE WILL HAVE YOUR INSTRUCTIONS BY JUNE 15th.

## SELECTIONS AVAILABLE.

**BREEDERS AND FANCIERS MIXTURE:** This carries about all the types and colors that are to be found in hybrid Tuberous Begonias. It is grown from seeds collected from one of the most extensive collections in the country, with many new colors and types.

## AVAILABLE IN TYPE THREE ONLY.

**CAMELLIA FLOWERED TYPE:** Colors apricot, pink, orange, red, rose, salmon, scarlet, yellow, white or all colors mixed.

## AVAILABLE IN TYPE ONE, TWO AND THREE.

**CARNATION FLOWERED TYPE:** Colors apricot, pink, orange, red, rose, salmon, scarlet, yellow, white or all colors mixed.

## AVAILABLE IN TYPE ONE, TWO AND THREE.

**CRISPA FLOWERED TYPE:** Colors apricot, pink, orange, red, rose, salmon, scarlet, yellow, white or all colors mixed.

## AVAILABLE IN TYPE ONE AND THREE. TYPE TWO IN MIXED COLORS ONLY.

**HANGING BASKET TYPE:** Colors apricot, pink, orange, rose, red, salmon, scarlet, yellow and white or all colors mixed.

## AVAILABLE IN TYPE ONE AND THREE. TYPE TWO IN MIXED COLORS ONLY.

**PICOTEE TYPES:** Colors in mixture only.

## AVAILABLE IN TYPE ONE, TWO AND THREE.

**ROSEBUD TYPE:** Colors in mixture only.

## AVAILABLE IN TYPE ONE AND THREE ONLY.

**MARMORATA:** Colors in shades of this variety only.

## AVAILABLE IN TYPE ONE AND THREE ONLY.

**CRISTATA TYPE:** Colors in mixture only.

## AVAILABLE IN TYPE ONE AND THREE ONLY.



Pansies have always been a major specialty with us and our breeder and grower, C. W. HARROLD, is probably the oldest living Pansy Specialist both in years of experience and age. He is actively in charge of this work at 77 as he has been for over forty-seven years and to his efforts may be credited several firsts in this field. Through his efforts our gardens have introduced more new and improved varieties and strains than any other single breeder during the past thirty years. Many of these are of special purpose type which have been entirely exclusive with us. Our work has been entirely based on quality and price has been secondary in so far as any limitation of quality is concerned. Evaluation made on a basis of quality will show our prices to be economical as is proven by constantly wider use of our seeds from year to year. We make no effort at competition on a strictly price basis. Quality considered, you should find these worthy of your careful consideration. We hope we may serve you.

## VARIETY DESCRIPTIONS OF HARROLD - ORIGINATIONS

The following is a brief description of the PANSY varieties that have been originated and introduced by us during the past twenty-five years. Each variety is outstanding in its particular type and we do not believe that any superior variety is to be obtained in the market today. In breeding and developing this group of varieties, it has been our goal to see that they ARE NOT excelled.

## OUTSTANDING MIXTURES

**HARROLD'S PEDIGREE GIANT ART-SHADES** — A much improved strain of the Harrold's Pedigree Giant variety. Better color range, flower size and plant habit. The finest "Exhibition" type with lively colors, small center blotch and usually two zones of contrasting color. Also many self colors and penciled markings. Our largest flowering sort, having produced 5 inch blooms.

**HARROLD'S PEDIGREE SWISS GIANTS** — Our latest and the finest "Fancy" type Pansy. The ultimate in flower size and color range in this type. Plants are compact and sturdy. Nearly all flowers have the large blotched center that is so characteristic of the Fancy type of Pansy. Heavy substance and velvety texture.

**HARROLD'S PEDIGREE GIANTS** — This outstanding "Exhibition" type was introduced by us in 1929 and has maintained its popularity through the years. Flowers are very large on compact, robust plants that produce a most varied range of bright colors. The flower markings are typically "Exhibition" type. A real bread and butter sort for the commercial grower.

**HARROLD'S ALL-AMERICAN BEDDING MIXTURE** — This is a blended mixture of which 80% is from ALL the Harrold variety originations and the balance of 20% is from the many other varieties which we grow or receive from other sources. This is a very useful, general purpose mixture and it is an outstanding value in the medium price range. Giant flowers and a very wide color range.

**HARROLD'S IMPROVED SWISS** — Where a fancy "Swiss" type is needed at a price this one is to be highly recommended. Not as good as our Harrold's Pedigree Swiss Giants, of course, but it is not excelled by strains of this type offered as Super-Swiss. It is unusually suited in color, size and habit to the demands of the American market.

## NOVELTIES

**HARROLD'S GIANT ATOMIC DAWN**: OUR 1949 NOVELTY — Something quite different in Pansies. Pastel shades of pink, delicate blue, light gold and apricot blending in many multi-color combinations including many orchid-like shades with exquisite flower form. A giant in this type but not as large as Art Shades. Markings are selfs, penciled and blotched.

**HARROLD'S PEDIGREE NOVELTIES** — These are a blend of new types and colors from our breeding department. Recommended where the unusual is wanted.

**HARROLD'S SUNSET GIANTS** — (NOVELTY) Sunset shades of orange, red and gold. Giant size in blotched and ray markings. Highly recommended.

**HARROLD'S PEDIGREE POT PANSIES** — A short, compact growing type adapted to pot and porchbox growing. Flowers very large and colors excellent.

**HARROLD'S PEDIGREE CUT-FLOWER PANSIES** — We have two distinct types of these and depending on the requirements of your culture and market either selection has a definite value and use.

**ORIGINAL STRAIN:** This was our first type offered nearly twenty years ago. Growth is rather low but under glass the flowers are large and on stems 8 to 10 inches long. Color range is more varied and they are completely as hardy as any bedding variety. May be grown out of doors.

**TALL SELECTION:** These grow very tall for Pansies; up to 4½ feet and stems are usually 10 to 16 inches long and quite stiff when greenhouse grown. Color range is the best we know of in any of the really tall strains and flower size is quite good with proper culture. Plants of these will freeze at below 25 plus.

## FORMAL COLORS

**HARROLD'S AZURE GIANTS** — THE FINEST intensely blue Pansy.

**HARROLD'S GOLDEN GIANTS** — Deep golden yellow with velvety blotch.

**HARROLD'S RUBY GIANTS** — Shades of red in the finest range. Very fine.

# HARROLD'S PEDIGREED SEED

## HARROLD'S UNUSUAL NOVELTIES

VARIETY	PER 500 seed pkt. (1/8-oz.)	1-oz.
HARROLD'S PEDIGREED NOVELTIES	\$2.00	\$5.00 \$17.50
HARROLD'S ATOMIC DAWN: Our most unusual colors.	4.00	10.00
HARROLD'S SUNSET GIANTS: Our 1944 NOVELTY introduction. Sunset tints of orange, gold & red.	2.00	5.00 17.50
HARROLD'S PEDIGREED POT PANSIES: For pot and box culture.	1.50	4.00 15.00
HARROLD'S PEDIGREED CUT FLOWER PANSIES: Improved Tall Selection.	2.00	5.00 17.50
	Original Strain.	1.50 4.00 12.00

## HARROLD'S SELECT FORMAL COLORS

VARIETY	PER 1,000 seed pkt. (1/8-oz.)	1/4-oz.	1/2-oz.	1-oz.	2-oz.
HARROLD'S AZURE GIANTS:	\$1.00	\$2.00	\$3.75	\$7.25	\$14.00
HARROLD'S GOLDEN GIANTS:	1.00	2.00	3.75	7.25	14.00
HARROLD'S RUBY GIANTS:	1.00	2.00	3.75	7.25	14.00

## HARROLD'S OUTSTANDING GIANT MIXTURES

VARIETY	PER 1,000 seed pkt. (1/8-oz.)	1/4-oz.	1/2-oz.	1-oz.	2-oz.
HARROLD'S PEDIGREED GIANT ART-SHADES:	1.00	2.50	4.75	9.25	18.00
HARROLD'S PEDIGREED SWISS GIANTS:	1.00	2.50	4.75	9.25	18.00
HARROLD'S PEDIGREED GIANTS:	1.00	2.00	3.75	7.25	14.00
HARROLD'S ALL-AMERICAN BEDDING MIXTURE:	1.00	1.75	3.25	6.25	12.00
HARROLD'S IMPROVED SWISS:	1.00	1.75	3.00	5.75	11.00
BY THE POUND	Multiply the ounce rate by 10. Four ounces up at pound rate.				

## STANDARD PANSY VARIETIES AMERICAN GROWN SEED

In this group we offer a most complete line of well known American strains in the finest stock of each available. Our prices are competitive with seeds of equal quality from any other source and this selection is offered so that you can make Harrold's your complete Pansy and Viola headquarters.

### POPULAR MIXTURES

VARIETY	PER 1,000 seed pkt. (1/8-oz.)	1/4-oz.	1/2-oz.	1-oz.	2-oz.
Early Pansy America: Good size & color.	\$ .75	\$1.50	\$2.75	\$5.00	\$ 9.00 \$17.50
Engleman's Giant: Dark and light shades.	.75	1.75	3.25	5.75	10.00
Geneva Giants: A select super-swiss strain.	1.00	1.75	3.25	6.25	12.00
Jumbo Mixed: (Steele) Harrold grown first generation re-selected from orig. stock.	1.00	1.75	3.25	6.25	12.00
Maple Leaf Giants: Robust and compact.	.75	1.50	2.75	5.00	9.00
Orchid Pastel Mixture: Variously offered as Butterfly or Hybrids.	2.00	4.00	7.00	13.50	26.00
Oregon Giants: Mixed types of good size.	1.00	1.75	3.00	5.75	11.00
Super Maple Leaf: Improved re-selection.	1.00	1.75	3.00	5.75	11.00
Scottish Exhibition Mixed: A nice blend.	1.00	1.75	3.00	5.75	11.00
Super Swiss Mixed: Select 5 blotched.	1.00	1.75	3.00	5.75	11.00
Swiss Giant Mixed: 3 & 5 blotch marking.	.75	1.50	2.75	5.00	9.00
Dwarf Swiss Mixed: Dwarf habit large fl.	1.00	1.75	3.00	5.75	11.00
Trimardeau Giants: Good bedding type.	.75	1.25	1.75	3.25	6.00
BY THE POUND	Multiply the ounce rate by 10. Four ounces up at pound rate.				

### SEPARATE COLOR VARIETIES

This separate color group affords a wide selection and is, we believe, the finest selection available from a single source in this country.

VARIETY	PER 1,000 seed pkt. (1/8-oz.)	1/4-oz.	1/2-oz.	1-oz.
Coronation Gold: Largest pure yellow self.	\$1.00	\$2.00	\$3.25	\$6.25 \$12.00
Delft Blue: Porcelain blue.	1.00	2.00	3.75	7.25
Baby Delight: Miniature Pansy about 8" high. Flowers light blue, face; size of a quarter.	1.00	1.40	2.25	4.25
Mrs. A. H. Scott: Miniature, Beaconsfield coloring.	1.00	1.40	2.25	4.25
SWISS GIANT TYPE SEPARATE COLORS.				
Alpenglow: Dark red shades.	1.00	2.00	3.25	6.25
Black King: Largest size black Pansy.	1.25	2.50	4.75	9.25
Blumilisalp: Soft pink & rose velvet blotch.	1.00	2.50	4.75	9.25
Fire Beacon: Wallflower red, velvet blotch.	1.00	2.00	3.25	6.25
Lake Of Thun: Thuner Sea or Ulswater Blue. Very brilliant blue, dark center.	1.00	2.00	3.25	6.25
Orange Giant: Rich light orange self.	1.00	4.00	7.50	12.00
Pure White: Ruffled white of good size.	1.00	2.00	3.25	6.25
Raspberry Rose: Soft pink, velvety wine blotch.	1.00	2.25	4.00	6.75
Rheingold: Deep yellow, dark blotch.	1.00	2.00	3.25	6.25
BY THE POUND	Multiply the ounce rate by 10. Four ounces up at pound rate.			

## IMPORTED PANSY SEED

This imported Pansy seed is from the foremost European specialists, our same pre-war source of these varieties. This group affords some added types of interest and supplies cheaper seeds where price is a major consideration. The mixtures do in some respects differ from those produced by American specialists and for that reason add novelty and scope to your selection. The bedding type separate colors are useful where a mass of bright color is desired rather than very large sized individual flowers.

### USEFUL MIXTURES

VARIETY	PER 1,000 seed pkt. (1/8-oz.)	1/4-oz.	1/2-oz.	1-oz.
Bugnot's Superb Blotched: Fancy type mixture.	\$ .50	\$ .90	\$1.25	\$2.25 \$ 4.00
Cassier's Three & Five Blotched: Fine mixture.	.50	.90	1.25	2.25
Oder's Giant Five Blotched:	.50	.90	1.25	2.25
Orchid Flowered Mixed: Delicate pastel shades.	1.00	2.00	3.25	6.25
Swiss Giant Improved: Quite a good strain.	.50		2.25	4.00
				7.50

### BEDDING TYPE GIANTS IN SEPARATE COLORS

These do not compare in flower size with other separate colors we offer in the above group of American strains. They are valuable because they afford colors distinctly characteristic of this group and they do come truer from seed than the larger flowering sorts. For borders to give a mass effect or for brilliant and striking beds planted to a color plan these are recommended.

### VARIETY PER 1,000 seed pkt. (1/8-oz.)

VARIETY	PER 1,000 seed pkt. (1/8-oz.)	1/4-oz.	1/2-oz.	1-oz.
Giant Trimardeau: A French group that has been used for years and is probably the best known for their brilliant, large flowers.				
Adonis: Light blue with white eye.	\$ .50	\$ .90	\$1.25	\$2.25
Candidissima: Snow white.	.50	.90	1.25	2.25
Cardinal Red: As named. Showy.	.50	.90	1.25	2.25
King Of The Blacks: Black-purple.	.50	.90	1.25	2.25
Lord Beaconsfield: Violet blue and white.	.50	.90	1.25	2.25
Prince Henry: Rich dark blue.	.50	.90	1.25	2.25

Giant Bedding: Another group of brilliant coloring for borders or beds.

Orange King: Brilliant orange & apricot.	.50	.90	1.25	2.25	4.00
St. Knud: Deep orange yellow.	.50	.90	1.25	2.25	4.00

Hiemalis: Sometimes listed as Ice Pansies because of their extremely early flowering habits. Flower size just about half that of American Giant types but freely produced.

Blue Boy: Silvery lilac.	.50	.90	1.25	2.25	4.00
Celestial Queen: Brilliant sky blue.	.50	.90	1.25	2.25	4.00
Claret: Deep wine red.	.50	.90	1.25	2.25	4.00
March Beauty: Dark velvety purple.	.50	.90	1.25	2.25	4.00
Northpole: Glistening pure white.	.50	.90	1.25	2.25	4.00
Orion: Pure golden yellow.	.50	.90	1.25	2.25	4.00

## Viola Seeds

### THE MOST VALUABLE AND OUTSTANDING VARIETIES

Have you considered Violas recently? They are a useful addition to your Pansy line and in many places where they have been offered they have developed a profitable demand. Normally this demand will usually not exceed 10% to 25% of your Pansy demand but in many instances that is definitely worthwhile.

The culture is so identical with that of Pansies that they may be planted and handled in the same way with very satisfactory results. They may be set in fall or spring into the flowering beds in the same manner and if any difference is noted it is that they are a bit harder and more easily wintered than Pansies. We suggest that if you haven't tried them yet in your market you make a planting of three or four packets in the most popular colors and see how easily they are grown and how the customers go for them once they see some of these modern varieties in bloom.

### GEM VARIETIES

This is a group of four colors and mixture that is possibly best known by the habit but vary some in flower form. White and Yellow Gem rather closely resemble Jersey Gem. Lavender Gem produces a flower that is a bit smaller and less full in form. All bloom profusely over a very long season.

VARIETY	PER 1,000 seed pkt. (1/8-oz.)	1/4-oz.	1/2-oz.	1-oz.
Jersey Gem: Compact violet blue.	\$1.00	\$2.50	\$4.75	\$9.00 \$16.00
Lavender Gem: Brilliant lavender blue.	1.00	2.50	4.75	9.00
White Gem: A very fine giant pure white.	1.00	2.50	4.75	9.00
Yellow Gem: A large very bright yellow.	1.00	2.50	4.75	9.00
Gem Varieties Mixed: All the above blended.	1.00	2.50	4.50	8.50
				15.00

### VIOLA CORNUSTA and HYBRIDA

This group covers many varieties of much interest to the grower. The strains are the best obtainable and uniformity is unusual for this type of stock.

VARIETY	PER 1,000 seed pkt. (1/8-oz.)	1/4-oz.	1/2-oz.	1-oz.
Admiration: Large dark blue.	\$ .75	\$1.00	\$2.00	\$3.75
Apricot: Apricot yellow tinted orange.	1.00	1.75	3.00	5.75
Arkwright Ruby: Ruby red blotched center.	1.00	1.50	2.25	4.25
Blue Elf: Top deep violet, bottom lighter.	.75	1.50	2.50	4.75
Blue Perfection: Large purple blue.	.75	1.00	1.75	3.25
Chantreyland: Finest pure apricot.	.75	1.50	2.50	4.75
Ilona: Rose shade, lavender tinge.	1.00	1.50	2.25	4.25
Gustav Wermig: Long stemmed violet-blue.	1.00	1.50	2.25	4.25
King Henry: (Purple King) Rich violet blue.	1.00	1.75	3.25	6.25
Lutea Splendens: Clear golden yellow.	.75	1.50	2.25	4.25
Papilio Light Blue: Soft blue, white center.	.75	1.50	2.50	4.75
White Perfection: Large pure white.	.75	1.25	2.25	4.25
Improved Scotch Bedding: Newest bedding hybrids	.75	1.25	2.25	4.25
				8.00

# PANSY CULTURE

**AMOUNT OF SEED NEEDED:**— Pansy seeds average from 21,000 to 26,000 seeds per ounce. Germination tests will run from the middle seventies to the high nineties but due to unavoidable losses in the normal process of cultural germination you should plant an ounce of seed for each 7,000 to 10,000 plants wanted. Quite frequently we have reports of 15,000 or more produced from an ounce of our seeds but it is not safe to count on so high a production.

**GERMINATION PERIOD:**— In July and August, conditions being reasonably good, germination will occur in 7 to 10 days. As weather becomes cooler the period will lengthen by 4 to 6 days. In the hot months percentage of plants produced by the same seeds will be less than during the cooler weather of the late weeks of the planting season and more attention will have to be exercised in the care given, especially in the matter of moisture. **COMPLETE** failure is easily possible with the best of seeds if they are allowed to become too dry between the time of planting and until germination has been completed.

**TIME OF PLANTING:**— For commercial planting the grower usually starts in June with the cut Flower and Pot varieties or for fall and winter blooming stock used in the milder sections of the country. Generally the heaviest plantings are made in July and August. Where weather stays moderate, plantings may be made outdoors as late as October 20th with good results. Greenhouse plantings may be made in December, January and up to February 20th to obtain fine young stock for April, May and June setting.

**PLANTING:**— Seed bed should be well prepared to a depth of 8 or 10 inches. See that bed is well watered before planting by watering for several days prior to sowing the seeds so as to store up as much moisture as possible in the soil. Seeds may be planted broadcast or in drills. For reasons of cultivation and ease of controlling moisture, we plant in drills at the bottom of a miniature V shaped trench about an inch deep and 2 inches across the top. Planting in drills aids in cultivation after plants are up and this way of planting forms moisture reservoirs between the rows aiding in obtaining good germination in hot weather. Rows may be from 3 to 5 inches apart. Cover seeds LIGHTLY with pure granulated peat moss, peat moss and sandy loam or screened sandy loam. NEVER cover more than  $\frac{1}{8}$  inch deep DO NOT allow beds to become dry at any time during days of active germination. DO hold beds on the dry side after germination has taken place to avoid development of trouble with damping off. Beds will require protection from hot sun in the summer months until plants have their fourth leaves. Lath shading frames, burlap or similar material may be used.

The above is for planting in ground beds or cold-frames. In hot weather we do not advise planting in flats although this may be done if careful attention is given to the more rigid cultural requirements. Planting in flats IS recommended when planting in winter indoors. Our cultural booklet accompanying all shipments of Pansies gives complete details of both types of culture.

**TRANSPLANTING:**— Pansies should be transplanted but once by the commercial grower. This means the plants are twice transplanted by the time the blooming bed is set and more transplanting will reduce flower size and quality. You should NEVER transplant before the plant has at least six leaves; preferably 8 to 10. If plants are to be wintered in outdoor beds, October and November transplanting is advised after the hot weather has passed and before severe freezing of the ground occurs. With light protection — evergreen boughs or shading frames; or such material as marsh hay or straw, Pansies will winter in open beds at temperatures many degrees below zero. They will stand down to ten degrees above without any protection if transplanted fairly early.

**SOIL:**— Pansies may be successfully grown in ANY RICH garden soil that is WELL drained. They do best in a soil of good humus content and respond well to the liberal application of cow manure. A 4-12-4 commercial fertilizer will be satisfactory and blood meal or bone meal may be used properly with good results. An application of Ammonium Sulphate, one ounce per gallon of water will usually yield tonic effect in early spring but should not be applied too early or frost damage may result. Acidity should be pH 6 $\frac{1}{2}$  or Sudbury B.

## HARDY PRIMROSES

Polyanthus - Veris Hybrids

### Harrold's Pedigreed Giants

Developed in our breeding department after many years intensive work, we believe this to be the finest in this type. The plants are pleasingly compact but of robust growth, usually about 8 to 10 inches high. Flower stems are 12 to 16 inches under good culture setting the flowers well above the foliage. The flower heads, composed of many florets which are often individually larger than a silver dollar, are often 8 inches and more across. Coloring is the most brilliant of any strain available in this type. While available in MIXED COLORS ONLY the blend contains yellow, red, purple and white in the more common shades plus pink, flame and bronze shades in pastel and poly-chrome combinations that are rare. A few blue shades are in the mixture. Marking of the flowers is just as outstanding with selfs, blotched and lace marked flowers.

#### FRESH TESTED SEEDS

Price Per Trade Packet, about 400 seeds, \$1.00; 3 packets for \$2.50;  $\frac{1}{8}$  oz., about 1500 seeds \$4.00;  $\frac{1}{8}$  oz., \$7.50;  $\frac{1}{4}$  oz., \$14.00;  $\frac{1}{2}$  oz., \$25.00; 1 oz., \$50.00; 2 ozs., \$95.00.

#### OTHER HARDY POLYANTHUS

**OREGON GIANTS** — A giant strain from an outstanding Oregon specialist including the best of his collection. Of giant size and wide color range which is heavy in the softer shades. A very fine mixture.

**OLYMPIC GIANTS** — Still another strain from two outstanding collections grown in Washington State. Basically from Fitzter's Colosseum and English types but rebred to American habit and color standards. All of these types are better suited to American markets and climates than fresh imports.

**SEED PRICES:** These two — Per packet, about 400 seeds, \$1.00;  $\frac{1}{8}$  oz., \$3.50;  $\frac{1}{8}$  oz., \$6.50;  $\frac{1}{4}$  oz., \$12.00;  $\frac{1}{2}$  oz., \$22.00; 1 oz., \$40.00; 2 ozs., \$75.00.

(PRIMULA — Continued in next column)

## PRIMULA CASHMERICANA

Here is a variety that will be found to be most interesting. Plants are about 10 inches high and florets about  $\frac{1}{2}$  an inch across, produced in large, dense heads that are very showy.

**DENTICULATA:** Lilac flowers. Seed per 300 seed packet, \$1.00; 3 for \$2.50.

## PRIMULA CANDELABRA

Here is an interesting and valuable variety in the hardy group. It is well suited to planting around a pool or along the edge of streams. They require a good deal of summer moisture but fair drainage in the winter months when the crowns are dormant.

**PULVERULENTA:** Probably the most useful of the group. Flower stalks are to three feet consisting of many florets an inch or more across making colorful flower heads several inches across. Coloring is brilliant in purple and reds with orange-brown eye. A very interesting sort you will find useful.

**SEEDS:** Packet, about 400 seeds, 50¢; 3 for \$1.25;  $\frac{1}{8}$  oz., \$3.00;  $\frac{1}{4}$  oz., \$5.00;  $\frac{1}{4}$  oz., \$8.50;  $\frac{1}{2}$  oz., \$16.00; 1 oz., \$30.00.

## PRIMULA AURICULA

A popular alpine for shaded rockery. Requires alpine situation with sandy, rocky soil and free drainage. Flowers are quite large in rather medium clusters and coloring is most varied, including shades of yellow, brown, blue, red, rose and pastel shades. Usually with a beautiful contrasting center in each floret.

**SEEDS:** Per packet about 300 seeds, \$1.00; 3 packets \$2.50.

All 3 for \$2.50 packets may be assorted for variety.

## Greenhouse Forcing Strain SNAPDRAGON SEEDS

**QUANTITY DISCOUNTS:** On orders for 5 full size packets you may deduct 10%; 10 to 25 pkts., 15%; 25 pkts. or more 20%. **NO DISCOUNT** on the  $\frac{1}{4}$  pkts.

**TRIAL PACKETS** — ( $\frac{1}{4}$  pkts.) We have for many years supplied this smaller sized packet for the convenience of the small grower or for those wanting to make trials of the newer varieties. We will not sell less than FOUR of these quarter packets in an order and the quantity of seed in the four about equals that of a single standard trade packet.

### VARIETY

	Price per $\frac{1}{4}$ pkt.	Tr. pkt.	$\frac{1}{4}$ -oz.
Afterglow: Very popular early bronze.	\$ .30	\$ .75	\$ 4.00
Bertha Baur: Fine orchid lavender.	.30	.75	4.00
Bronze Christmas Cheer: Bright copper. Very early	.50	1.50	10.00
Bronze Queen: (Somerset) A fine salmon bronze.	.35	1.00	8.00
Beulah: (Smith) Outstanding rich bronze.	.50	1.50	10.00
Ceylon Court — Standard: Well known early canary yellow.	.30	.75	4.00
Ceylon Court — Dark: Darker yellow than the above.	.30	.75	4.00
Cheviot Maid Supreme: Darker than regular Maid. Popular.	.30	.75	4.00
Cheviot Maid Yellow: Very popular early yellow.	.30	.75	4.00
Cheviot Maid White: An excellent commercial white.	.35	1.00	5.00
Daybreak: Vigorous Briarcliff Rose pink. Very good.	.30	.75	4.00
Early Yellow: (Schlegel) Quality over a long season.	.40	1.25	8.00
Ethel: Bright golden yellow. Fairly early.	.35	1.00	6.00
Glorious: (Frank) Reddish copper, yellow lip. Early.	.35	1.00	7.00
Harrold's Red Improved: Deep wine red. Fairly early.	.35	1.00	6.00
Kirkwood Beauty: A very attractive glowing bronze.	.35	1.00	5.00
Kirkwood Bronze: A very fine orange buff. Early.	.30	.75	4.00
Klondike Supreme: A late flowering deep yellow.	.35	1.00	6.00
La France: (Windmiller) Outstanding satiny pink ruffled.	.40	1.25	8.00
Lucky Strike: A good and very popular pure white.	.30	.75	4.00
Marie Louise: (Raasch) Strong growing sea shell pink.	.50	1.50	10.00
Maryland Pink: Large early pastel pink. Very large.	.50	1.50	10.00
Naomi: Rose pink with light touch yellow. Early & prolific.	.50	1.50	10.00
New Deal: Very early golden orange.	.35	1.00	6.00
Peggy Schumann: An outstanding quality rose pink. Large.	.50	1.50	10.00
Pink Supreme: (Rockwood) A fine cutting pink.	.50	1.50	10.00
Portland Pink: A grand rose pink of early habit.	.50	1.50	10.00
Roman Gold: Gold shaded apricot. Fairly early.	.35	1.00	5.00
Rose Orange: A new finely colored early sort.	.40	1.25	7.00
Rose Queen: (Witterstaetter) A grand deep rose.	.30	.75	4.00
Sara Lou: (Smith) A very fine commercial yellow.	.50	1.50	10.00
Schumann Yellow: Outstanding large yellow of nice shade.	.50	1.50	10.00
Snow White: (Olsen) A very useful florist white.	.35	1.00	8.00
St. Louis Early Pink: (Rowe) A quality silver pink.	.35	1.00	8.00
Sun Tan: Extra early orange tan. Very popular.	.30	.75	4.00
Talisman: Bronze double. A fancy retail flower.	.50	1.50	10.00
Terry Surprise: Rich orange shading rose. Good color.	.30	.75	4.00
Velvet Beauty: Rich American Beauty crimson.	.30	.75	4.00
Westover Fringed White: Fairly early white finely fringed.	.30	.75	6.00
Yellow Perfection: (Coates) A fine mid-season yellow.	.30	.75	4.00
Yellow Wonder: (Bezdek) Good. Early and free flowering.	.40	1.25	8.00
Florist Cut-Flower Blend: Best cut flower formula.	.30	.75	3.00

## TERMS OF SALE

**PRICES** — All prices are quoted on the basis of cash with order. Except where credit has been established and reference check made, no exception to this policy will be made. **SEEDS** can be sent C. O. D. and will be forwarded that way on request providing remittance of \$1.00 accompanies order to guarantee postal fees and handling costs. Strictly cash with order, collectable at U. S. par on all orders from outside the U. S. A. **PLANTS AND BULBS ARE NEVER** sent out on a C. O. D. basis. **ALL** prices are subject to market changes without notice and all offers are subject to stock being available on receipt of your order.

**REMITTANCE** — May be by any of the usual commercial methods of transferring funds. The amount must be in United States money collectable at par for the full amount of the order. Service charges made by paying bank in excess of normal Banking association will be charged back to the customer. We will accept postage stamps in denominations of 10¢ or smaller to the value of \$1.00 ONLY. In larger amounts they **WILL NOT BE ACCEPTED**.

**OUR RESPONSIBILITY** — In view of the reasonable prices quoted herein and the varied conditions under which this stock will be grown after leaving our care, it is manifestly impossible for us to guarantee in any manner, cultural or descriptive, the crop resulting from the use of the material listed. Ordering from this list will definitely be construed as your acceptance of these terms as set forth and it is understood that in all cases our liability shall be limited to the actual purchase price paid for any material supplied.

**ALL SEEDS SHIPPED POSTPAID** — **BY AIR IF YOUR ORDER COMES AIR**